

UNIFIED VENUE CONTROL SYSTEM - FEATURES AND BENEFITS

Graphics and Payout

- One powerful Graphics platform (XPression real-time render 3D engine) for multiple applications such as traditional CG, LED displays, concourse feeds, exterior signage. Choose one or all applications!
- Create content natively on XPression to allow users the ability to change graphic content instantaneously for the entire facility. This standardizes the venue making it easier to switch between shows → less down time → more capacity.
- Import video and still content using XPression Incoder and XPression Clipstore workflow.
 - Watch folder based transcoding and metadata tagging.
 - Editing tools in XPression Clipstore allow users to mark in and out points, loop points, adjust audio levels, add device triggers on specific video frames and create metadata based sub clips and non destructive edits to original content.
- Fastest clip cue and play times in broadcast and AV industry.
- Blend Real time 3D design and pre-rendered asset payout seamlessly in one interface on one common platform.
- Datalinq Server provides integration with multiple scoring systems, social media, and statistical data feeds.
 - Powerful searching and sorting features within XPression allow users to not only link to data but to logically mine a variety of raw data formats (SQL, XML, JSON).
 - Data Triggers – Allow users to create completely customized transitions, animations, and value updates based on data changing in real time.
- Enables fan engagement both on-site and at home through social media integration via third party data or with our own Inception Social media aggregation tool.
- Mirrored or N+1 redundancy
 - All media backed up on XPression project Server and XPression Clipstore to ensure any engine can be used to replace any other and have access to critical content immediately
- Accurate Proof of play reporting
- End to end Creative Services options

Control System

- Scalable Solution –From one operator to multiple operators, the Ross Venue Control System is custom designed to the venues specific production needs. Switch between multiple control operators for large events and single control operator for small events.
- Frame accurate triggers across any number of LED displays
- 100% integration between production control room and LED display control system
 - Control or be controlled by any device in the Ross ecosystem.
- Unlimited control of 3rd party products (audio mixers, robotic cameras, servers, smart LED lighting, IP TV systems...)
- Full Turn-Key Options available

Infrastructure and Video Processing

- A unified solution minimizes the required personnel and equipment to manage essential visual operations.
- Agnostic... feed any manufacturers LED Displays!
- Massive selection of Video processing solutions with OpenGear
 - Distribution amplifiers
 - Embedders and disembedders
 - Reference generators
 - Signal converters
 - And much more...
- Unified routing solution (Ultrix) for Display Control and Control room workflow
 - HD/UHD and HDR workflow support
 - Expandable control through dashboard/Ultritouch

The Ross Way

- Ross Video has a talented staff of engineers and broadcast professionals with extensive experience in both broadcast and game-day productions. Our talented team is up to any challenge and their wealth of real world experience allows us to find creative solutions to meet our clients' ever increasing demands.
- Free Phone-in 24/7/365 Technical Support.